

JIANXIU LI

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Address: 3740 McClintock Avenue, Los Angeles, CA 90089

EDUCATION

University of Southern California
Probationary Ph. D. candidate

Los Angeles, U. S. A
2019.08 – present

- **Major:** Electrical Engineering;
- **Minor:** TBD;
- **Ph. D. Advisor:** Professor Urbashi Mitra;
- **GPA:** 3.96/4.0;

Xidian University
Bachelor of Engineering

Xi'an, China
2015.09 – 2019.06

- **Major:** Telecommunications Engineering;
- **GPA:** 3.9/4.0; **Rank:** 1/63;
- **Graduation Design Supervisor:** Professor Fan Qin; **Grade:** Excellent.

CURRENT RESEARCH INTERESTS

- Structured signal processing;
- Indoor localization
- Channel estimation
- Orbital angular momentum (OAM) based wireless communications;

PUBLICATIONS

- **J. Li** and U. Mitra, “Improved Atomic Norm Based Time-Varying Multipath Channel Estimation,” submitted to *IEEE Transactions on Communications*, 2021;
- **J. Li** and U. Mitra, “Improved Atomic Norm Based Channel Estimation for Time-Varying Narrowband Leaked Channels,” submitted to *2021 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, 2020;
- **J. Li** and W. Cheng, “Simultaneous Transmitting and Air Computing for High-Speed Point-to-Point Wireless Communication,” *ICC 2020 - 2020 IEEE International Conference on Communications (ICC)*, Dublin, Ireland, 2020, pp. 1-6;
- **J. Li** and W. Cheng, “Stacked Denoising Autoencoder Enhanced Polar Codes Over Rayleigh Fading Channels,” in *IEEE Wireless Communications Letters*, vol. 9, no. 3, pp. 354-357, March 2020.

PATENTS

- Wenqing Zhang and **Jianxiu Li**, Eyeball Recognition Multimedia Player, ZL201710170304.6. Patent for Invention, **Granted**.

MEMBERSHIPS & SERVICES

University of Southern California,
Institute for Electrical and Electronics Engineers (IEEE),
IEEE Wireless Communications Letter,
IEEE Communications Letter,
IEEE Access,

Research Assistant;
Student Member;
Reviewer;
Reviewer;
Reviewer.